## SUBSTITUTE FOR FORM PTO-1449

U.S. Department of Commerce Patent and Trademark Office

## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

ATTY, DOCKET NO.

SERIAL NO.

009289-06157

10/580,398

APPLICANT

Yutaka MURAKAMI, et al.

(Use several sheets if necessary)				FILING DATE GR0  May 24, 2006 26		
U.S. PATENT DOCUMENTS						
EXAMIN ER INITIAL	DOCUMENT NUMBER	DATE	NAME	CORRESPONDENT	DISCUSSED AND CITED IN SPEC? (insert page and line number where cited)	
FORE	GN PATENT DOG	CUMENTS				
	DOCUMENT NUMBER	DATE	COUNTRY	CORRESPONDENT	TRANSLATION?	DISCUSSED AND CITED IN SPEC? (insert page and line number where cited)
	2003-124907	04/2003	JP		· ·	
	6-164665	06/1994	JP			
	2003-525537	08/2003	JP			
	1-0136046	05/1998	JP			
	2001-127809	05/2001	JP			
OTHER DOCUMENTS (Including Author, Title, Date, Perlinent Pages, Etc.)  DISCUSSED AND CITED IN SPEC?  T. AOKI, et al.; "A Study on Group Detection Using ZF and MLD Algorithm						
	in a MIMO Channel," The Institute of Electronics, Information and Communication Engineers Koen Ronbunshu Tsushin Society Taikai 1, B-5-16, Sept. 10, 2003, pg. 393, with English translation thereof.					
Y. ASHINA, et al.; "Computational Complexity Reduction of MIMO-MLD for Space Division Multiplexing Systems," The 25 <sup>th</sup> Symposium of Information Theory and Its Application, Dec. 10, 2002, pp. 503-506.  X. ZHUANG, et al.; "Coding-Assisted MIMO Joint Detection and Decoding in						
	X. ZHUANG, et Turbo-Doded C Proceedings, V					